

10/699,240

> d 16 bib abs 1-5

L6 ANSWER 1 OF 5 USPATFULL on STN
AN 2005:138636 USPATFULL
TI BETA-2'-OR 3'-HALONUCLEOSIDES
IN Otto, Michael J., Lilburn, GA, UNITED STATES
Shi, Junxing, Duluth, GA, UNITED STATES
Chu, Chung K., Athens, GA, UNITED STATES
Schinazi, Raymond F., Decatur, GA, UNITED STATES
Gumina, Giuseppe, Athens, GA, UNITED STATES
Chong, Youhoon, Athens, GA, UNITED STATES
Choi, Yongseok, Frederick, MD, UNITED STATES
PI US 2005119286 A1 20050602
US 6949522 B2 20050927
AI US 2002-179612 A1 20020624 (10)
PRAI US 2001-300356P 20010622 (60)
US 2001-305386P 20010713 (60)
DT Utility
FS APPLICATION
LREP KING & SPALDING LLP, 191 PEACHTREE STREET, N.E., ATLANTA, GA,
30303-1763, US
CLMN Number of Claims: 49
ECL Exemplary Claim: 1-3
DRWN 18 Drawing Page(s)
LN.CNT 5524
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention includes compounds and compositions of .
beta.-halonucleosides, as well as methods to treat HIV, HBV or
abnormal cellular proliferation comprising administering said compounds
or compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 5 USPATFULL on STN
AN 2005:69674 USPATFULL
TI Processes for the synthesis of 2'-O-substituted pyrimidines and
oligomeric compounds therefrom
IN Cook, Phillip Dan, Escondido, CA, UNITED STATES
Sanghvi, Yogesh S., Encinitas, CA, UNITED STATES
Sprankle, Kelly G., Vista, CA, UNITED STATES
Ross, Bruce S., Carlsbad, CA, UNITED STATES
Griffey, Rich H., Vista, CA, UNITED STATES
PI US 2005059815 A1 20050317
AI US 2003-699240 A1 20031031 (10)
RLI Division of Ser. No. US 2000-747009, filed on 22 Dec 2000, GRANTED, Pat.
No. US 6642367 Continuation of Ser. No. US 1998-894899, filed on 7 Jan
1998, GRANTED, Pat. No. US 6222025 A 371 of International Ser. No. WO
1996-US3174, filed on 6 Mar 1996, PENDING Continuation-in-part of Ser.
No. US 1995-475467, filed on 7 Jun 1995, GRANTED, Pat. No. US 5760202
Continuation-in-part of Ser. No. US 1995-398901, filed on 6 Mar 1995,
GRANTED, Pat. No. US 6166197
PRAI WO 1996-US3174 19960306
DT Utility
FS APPLICATION
LREP WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE - 46TH FLOOR, PHILADELPHIA, PA,
19103
CLMN Number of Claims: 55
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2662
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Oligonucleotide analogs are disclosed having pyrimidine monomeric
sub-units therein that are modified at eh 2' and 5' positions. Monomeric
sub-units having these modifications may be further modified at the 2'

position. Improved processes for the synthesis of 2'-O-substituted pyrimidine nucleosides are also provided. The processes feature alkylation of a 2,2'-anhydropyrimidine nucleoside or a 2S,2'-anhydropyrimidine nucleoside with a weak nucleophile in the presence of a Lewis acid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 5 USPATFULL on STN
AN 2004:144486 USPATFULL
TI Modulation of Ephrin-B2 expression
IN Koller, Erich, Carlsbad, CA, UNITED STATES
Dobie, Kenneth W., Del Mar, CA, UNITED STATES
PA Isis Pharmaceuticals Inc. (U.S. corporation)
PI US 2004110150 A1 20040610
AI US 2002-316516 A1 20021210 (10)
DT Utility
FS APPLICATION
LREP MARY E. BAK, HOWSON AND HOWSON, SPRING HOUSE CORPORATE CENTER, BOX 457,
SPRING HOUSE, PA, 19477
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 3867

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds, compositions and methods are provided for modulating the expression of Ephrin-B2. The compositions comprise oligonucleotides, targeted to nucleic acid encoding Ephrin-B2. Methods of using these compounds for modulation of Ephrin-B2 expression and for diagnosis and treatment of disease associated with expression of Ephrin-B2 are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 4 OF 5 USPATFULL on STN
AN 2003:72167 USPATFULL
TI Process for the synthesis of 2' -O-substituted pyrimidines and oligomeric compounds therefrom
IN Cook, Phillip Dan, Escondido, CA, UNITED STATES
Sanghvi, Yogesh S., Encinitas, CA, UNITED STATES
Sprankle, Kelly G., Vista, CA, UNITED STATES
Ross, Bruce S., Carlsbad, CA, UNITED STATES
Griffey, Rich H., Vista, CA, UNITED STATES
Springer, Robert H., Carlsbad, CA, UNITED STATES
PA ISIS Pharmaceuticals, Inc. (U.S. corporation)
PI US 2003050454 A1 20030313
US 6642367 B2 20031104
AI US 2000-747009 A1 20001222 (9)
RLI Continuation of Ser. No. US 1998-894899, filed on 7 Jan 1998, GRANTED, Pat. No. US 6222025 Continuation-in-part of Ser. No. US 1995-475467, filed on 7 Jun 1995, GRANTED, Pat. No. US 5760202 Continuation-in-part of Ser. No. US 1995-398901, filed on 6 Mar 1995, GRANTED, Pat. No. US 6166197
PRAI WO 1996-US3174 19960306
DT Utility
FS APPLICATION
LREP WOODCOCK WASHBURN KURTZ, MACKIEWICZ & NORRIS LLP, 46th Floor, One Liberty Place, Philadelphia, PA, 19103
CLMN Number of Claims: 55
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2654

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB oligonucleotide analogs are disclosed having pyrimidine monomeric

sub-units therein that are modified at the 2' and 5' positions. Monomeric sub-units having these modifications may be further modified at the 2' position. Improved processes for the synthesis of 2'-O-substituted pyrimidine nucleosides are also provided. The processes feature alkylation of a 2,2'-anhydropyrimidine nucleoside or a 2S,2'-anhydropyrimidine nucleoside with a weak nucleophile in the presence of a Lewis acid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 5 USPATFULL on STN
AN 2000:174823 USPATFULL
TI Oligomeric compounds having pyrimidine nucleotide (S) with 2'and 5
substitutions
IN Cook, Phillip Dan, San Marcos, CA, United States
Sanghvi, Yogesh S., San Marcos, CA, United States
Sprankle, Kelly G., Vista, CA, United States
Ross, Bruce S., Carlsbad, CA, United States
Griffey, Rich H., Vista, CA, United States
PA ISIS Pharmaceuticals, Inc., Carlsbad, CA, United States (U.S.
corporation)
PI US 6166197 20001226
AI US 1995-398901 19950306 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Riley, Jezia
LREP Woodstock Washburn Kurtz Mackiewicz & Norris LLP
CLMN Number of Claims: 3
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1616

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Oligonucleotide analogs are disclosed having pyrimidine monomeric sub-units therein that are modified at the 2' and 5 positions. Monomeric sub-units having these modifications may be further modified at the 2 position.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 11:54:41 ON 03 DEC 2006)

FILE 'BIOSIS, MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 11:55:10 ON 03 DEC 2006

L1 4112 S PENTOFURANOS? AND BETA
L2 9 S L1 AND GLYCOSYL? (4A) LINKAGE?
L3 9 DUP REM L2 (0 DUPLICATES REMOVED)
L4 1 S L3 AND 1996/PY
L5 8 S L3 NOT L4
L6 5 S L5 AND ERYTHRO?

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